

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/832,443Page # 8
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INPUT SET: S27881.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: TSYRLOVA, IRENA
WOLPE, STEPHEN D.(ii) TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND
USES THEREOF

(iii) NUMBER OF SEQUENCES: 33

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: NIXON & VANDERHYE P.C.
(B) STREET: 1100 NORTH GLEBE ROAD
(C) CITY: ARLINGTON
(D) STATE: VIRGINIA
(E) COUNTRY: U.S.A.
(F) ZIP: 22201-4714

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/832,443
(B) FILING DATE: 03-APR-1997
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: BYRNE, THOMAS E.
(B) REGISTRATION NUMBER: 32,205
(C) REFERENCE/DOCKET NUMBER: 1331-222

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (703) 816-4000
(B) TELEFAX: (703) 816-4100

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47 (C) STRANDEDNESS:
48 (D) TOPOLOGY: linear
49
50 (ii) MOLECULE TYPE: peptide
51
52
53
54
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
56
57 Phe Pro His Phe Asp Leu Ser His Gly Ser Ala Gln Val
58 1 5 10
59
60 (2) INFORMATION FOR SEQ ID NO:2:
61
62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 15 amino acids
64 (B) TYPE: amino acid
65 (C) STRANDEDNESS:
66 (D) TOPOLOGY: linear
67
68 (ii) MOLECULE TYPE: peptide
69
70
71
72
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
74
75 Cys Phe Pro His Phe Asp Leu Ser His Gly Ser Ala Gln Val Cys
76 1 5 10 15
77
78 (2) INFORMATION FOR SEQ ID NO:3:
79
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 19 amino acids
82 (B) TYPE: amino acid
83 (C) STRANDEDNESS:
84 (D) TOPOLOGY: linear
85
86 (ii) MOLECULE TYPE: peptide
87
88
89
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
92
93 Asp Ala Leu Thr Asn Ala Val Ala His Val Asp Asp Met Pro Asn Ala
94 1 5 10 15

INFORMATION FOR SEQ ID NO:4:

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100
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 10 amino acids
103 (B) TYPE: amino acid
104 (C) STRANDEDNESS:
105 (D) TOPOLOGY: linear
106
107 (ii) MOLECULE TYPE: peptide
108
109
110
111
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
113
114 Leu Val Val Tyr Pro Trp Thr Gln Arg Phe
115 1 5 10
116
117 (2) INFORMATION FOR SEQ ID NO:5:
118
119 (i) SEQUENCE CHARACTERISTICS:
120 (A) LENGTH: 9 amino acids
121 (B) TYPE: amino acid
122 (C) STRANDEDNESS:
123 (D) TOPOLOGY: linear
124
125 (ii) MOLECULE TYPE: peptide
126
127
128
129
130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
131
132 Leu Val Val Tyr Pro Trp Thr Gln Arg
133 1 5
134
135 (2) INFORMATION FOR SEQ ID NO:6:
136
137 (i) SEQUENCE CHARACTERISTICS:
138 (A) LENGTH: 8 amino acids
139 (B) TYPE: amino acid
140 (C) STRANDEDNESS:
141 (D) TOPOLOGY: linear
142
143 (ii) MOLECULE TYPE: peptide
144
145
146
147

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153 (2) INFORMATION FOR SEQ ID NO:7:
154
155 (i) SEQUENCE CHARACTERISTICS:
156 (A) LENGTH: 7 amino acids
157 (B) TYPE: amino acid
158 (C) STRANDEDNESS:
159 (D) TOPOLOGY: linear
160
161 (ii) MOLECULE TYPE: peptide
162
163
164
165
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
167
168 Leu Val Val Tyr Pro Trp Thr
169 1 5
170
171 (2) INFORMATION FOR SEQ ID NO:8:
172
173 (i) SEQUENCE CHARACTERISTICS:
174 (A) LENGTH: 6 amino acids
175 (B) TYPE: amino acid
176 (C) STRANDEDNESS:
177 (D) TOPOLOGY: linear
178
179 (ii) MOLECULE TYPE: peptide
180
181
182
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
185
186 Leu Val Val Tyr Pro Trp
187 1 5
188
189 (2) INFORMATION FOR SEQ ID NO:9:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 5 amino acids
193 (B) TYPE: amino acid
194 (C) STRANDEDNESS:
195 (D) TOPOLOGY: linear
196
197 (ii) MOLECULE TYPE: peptide
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200

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206
207 (2) INFORMATION FOR SEQ ID NO:10:
208
209 (i) SEQUENCE CHARACTERISTICS:
210 (A) LENGTH: 7 amino acids
211 (B) TYPE: amino acid
212 (C) STRANDEDNESS:
213 (D) TOPOLOGY: linear
214
215 (ii) MOLECULE TYPE: peptide
216
217
218
219
220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
221
222 Val Val Tyr Pro Trp Thr Gln
223 1 5
224
225 (2) INFORMATION FOR SEQ ID NO:11:
226
227 (i) SEQUENCE CHARACTERISTICS:
228 (A) LENGTH: 7 amino acids
229 (B) TYPE: amino acid
230 (C) STRANDEDNESS:
231 (D) TOPOLOGY: linear
232
233 (ii) MOLECULE TYPE: peptide
234
235
236
237
238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
239
240 Tyr Pro Trp Thr Gln Arg Phe
241 1 5
242
243 (2) INFORMATION FOR SEQ ID NO:12:
244
245 (i) SEQUENCE CHARACTERISTICS:
246 (A) LENGTH: 6 amino acids
247 (B) TYPE: amino acid
248 (C) STRANDEDNESS:
249 (D) TOPOLOGY: linear
250
251 (ii) MOLECULE TYPE: peptide
252
253

254 Tyr Pro Trp Thr Gln Arg

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